



COMING EVENTS

MARCH

11 THURSDAY

Lectures	"Are There Young Galaxies?" Prof. Wallace L. W. Sargent, California Institute of Technology. Room 1422 Burton Tower, McLennan Physical Laboratories. 1.10 p.m. (SGS and Astronomy)
Astronomy	
Poetry and Music	"Pieces: Mostly of a Glacial Origin". Peter Such, Writer in Residence, and Walter Buczynski, Musician in Residence. Room 292 Preliminary Building, Erindale College. 3 p.m.
Business	"A Conceptual Theory of Industrial Buying Decisions". Prof. Jagdish Sheth, University of Illinois, Urbana. Room 210, 246 Bloor Street West. 3 p.m. (SGS and Business Administration)
Engineering	"Analysis of Surface Waves". Dr. J. E. Feir, National Research Council, Ottawa. Room 254 Mechanical Building. 4 p.m. (SGS and Mechanical Engineering)
English	"Oscar Wilde and the Importance of Doing Nothing". J. E. Chamberlain. West Hall, U.C. 4.10 p.m. (University College Public Lectures 70-71)
Physics	"Observation of Phonons by Brillouin Light Scattering". Dr. S. Geschwind, Bell Telephone Laboratories, Murray Hill, N.J. Room 102 McLennan Physical Laboratories. 4.10 p.m. (SGS and Physics)
Law	Cecil A. Wright Memorial Lecture. "Continuity and Change in Law Reform (with special reference to constitutional law)". Prof. Jean Beetz, University of Montreal. Moot Courtroom, Faculty of Law. 5.15 p.m. (Law)
Spanish	"El escritor y su compromiso con el hombre de hoy". Sr. D. José Luis Castillo-Puche. Upper Library, Massey College. 8.15 p.m. (SGS and Italian and Hispanic Languages and Literatures)
History	"The Way of the Voyageur and the Fur Trade". Hugh MacMillan, Liaison Officer, Ontario Archives. Room 4 ROM. 8.30 p.m. Admission \$1.50. ROM members free.
Seminar	"The Postbehavioral Revolution in Geography". Prof. Roger Kasper, Clark University, Worcester, Mass. Room 622 Sidney Smith Hall. 4 p.m. (SGS and Geography)
Geography	
Meeting	Library Council meeting. Room 202 Galbraith Building. 4 p.m.
Music	Faculty of Music Collegium Musicum. Concert Hall, Edward Johnson Building. 2 p.m. Free

12 FRIDAY

Lectures	"Private Foreign Capital in the Indian Economy". Prof. K. A. Naqvi, Head, Department of Economics, Delhi School of Economics. Room 1021 Sidney Smith Hall. 12 noon. (South Asian Studies Committee, International Studies Program)
Economics	
Geography	"Water Reuse: The Coming Revolution in Urban Water Supply". Prof. Roger Kasper, Clark University, Worcester, Mass. Room 623 Sidney Smith Hall. 3 p.m. (SGS and Geography)
Printing	"The Gutenberg Museum in Mainz - 5000 Years of Lettering and Books". Dr. Helmut Presser, Director of the Gutenberg Museum, Mainz, Germany. Music Room, Hart House. 8 p.m. Free. (Goethe House Toronto)
Seminar	"Pressure of Numbers and Manpower Planning". Prof. K. A. Naqvi, OISE. 3 p.m. (South Asian Studies Committee)
Economics	

(See page 3, col. 1)

Tree replacement plan starts with planting of 23 on campus

After years of drastic pruning and removal of trees from the St. George Campus, L. H. Hubbard, Assistant Superintendent, General Services, Physical Plant Department, announces "with pleasure that our efforts and funds within the Landscaping Department are now being applied to a tree replacement program".

After consultation with Frank J. Hastie, Director of Physical Plant, the Grounds and Roadways Department has contracted for the planting of 23 trees, averaging four to five inches in diameter and including a 35-foot tall sugar maple nine inches in diameter planted at the northwest corner of the Medical Sciences Building.

The other trees - chestnuts, lindens, birches, silver maples, ailanthus, crimson king maple, and sugar maples - will be placed in locations where they will have the most effect and have the best chance of thriving.

Campus trees in the past 10 to 15 years have suffered badly from wind, ice, old age, and, of course, Dutch elm disease. The disease still destroys elms on campus, despite annual pruning and spraying.

Mr. Hubbard warmly praised students and staff of New College who contributed more than half the funds used for trees in the College quadrangle. "Their interest and support were much appreciated by Evan Pritchard, St.

George Campus Superintendent, and the landscaping staff", he said.

Mr. Hubbard also thanked Prof. Eric Jorgensen of the Shade Tree Research Laboratory for his advice and assistance especially in the New College plantings, and his co-operation with Physical Plant Department at all times.

UTSA to help develop personnel policy

As a result of recent meetings between the University of Toronto Staff Association and the Director of Personnel, O. A. Greiner, the following letter has been received by Mrs. Gwen Russell, President of UTSA.

"To deal with many of the personnel matters discussed at the meeting, we are inviting the University of Toronto Staff Association to assist in the development of personnel policy. A Personnel Policy Advisory Committee is now being formed. This committee will be advisory to the Director of Personnel and will consist of representatives from the major faculties and departments. A formal request to the University of Toronto Staff Association to participate in this effort is attached ..."

This announcement, made at the UTSA meeting on March 5, coincides with a membership drive.

Bids called for an addition to Scarborough College

Tenders have been called for the construction of an addition to University of Toronto's Scarborough College, to be completed by August 1972 if the recommended bid is approved by the Board of Governors and work begins this spring.

Total project cost is estimated at \$5,500,000, a considerable reduction from the estimate considered when plans were drawn up in 1969. It will be the initial stage in the second phase of the development of the Scarborough College complex, the first phase of which was opened in 1966.

The addition will extend from the administrative core at the junction of the Humanities and Science wing to the service road parallel to Military Trail.

John Andrews Architects, Toronto, are designers of the addition, which will blend architecturally with the original building. John Andrews, now in Australia, his homeland, who was formerly chairman of the architecture department in the Faculty of Architecture, Urban and Regional Planning, and Landscape Architecture, was the principal member of the design team responsible for Phase I, Scarborough College as it is now.

The architects have released this description of the addition:

"The concept of Phase II(a) evolves from a master planning study which outlines the growth of the college throughout its various Phases to the ultimate size related to enrolment projections. The building anticipates the possibility of growth and has several points of connection for future addition.

"The facilities planned include seminar rooms, faculty offices, secretarial areas, student activity areas, additional dining space and a gymnasium complex. The primary circulation system established in Phase I will be maintained in Phase II(a) in such a way that it will be capable of serving this and subsequent phases. This circulation system will be connected to the existing building at level 2, utilizing break-through points in the existing structure. A further connection will be made at level 4 in the Humanities wing in the form of an enclosed bridge. The existing central kitchen and preparation areas are being expanded to service the additional dining space and cafeteria.

"Based on an analysis of the ultimate central plant requirements, adequate space has been planned in this phase to accommodate necessary central plant expansion. As the existing boiler plant is capable of coping with the addition, the actual boiler plant will be added in this space as required in subsequent phases.

"Total gross area of the building is 167,000 square feet approximately."

MARCH 18 DEADLINE

University of Toronto Bulletin is published by Department of Information, Room 225, Simcoe Hall. All material for the next issue should be in the hands of the editor, Mrs. Winogene Ferguson (928-2102) by noon today. The next editorial deadline is noon, March 18.

U of T and Clark University join in natural hazards research

The University of Toronto and Clark University of Worcester, Mass., have been jointly awarded \$142,304 by the United States National Science Foundation to permit a two-year extension of research on natural hazards, such as floods, earthquakes and droughts.

Prof. Ian Burton, Geography, leader of the Canadian group, says the project stemmed from awareness that loss of life and damage to property as a result of natural disasters were rising rapidly and occurring more frequently. Recent examples are provided by the Los Angeles earthquake, earlier this year, that killed 64 people and caused over a billion dollars of property damage, and the Bay of Bengal cyclone and floods of November 1970, which perhaps killed half a million people.

Research by the Toronto and Clark teams is designed to discover why the increases have been taking place and to find ways to halt them. Some reasons have already been suggested. It has been noted, for instance, that there is great confidence in technology and in man's ability to recover from disasters. However, as disaster potential grows, more people will be involved. In North America, Prof. Burton points out, residential sub-divisions, schools and even nuclear reactors have been built in highly unstable zones of earthquake activity. In defence, some have pointed out that even the earthquake damage represents only eight hours of national output.

The team contends that disasters of this kind need not happen. They are the result of both natural events and the decisions of man. Careful study is needed to find ways to keep people out of hazard areas and to ensure that those already living there are protected as

much as is possible and can be warned before disaster strikes. Steps might include efforts to control nature and require the regulation of land use and the design of buildings that will reduce danger potential.

Survey of global natural disasters during the past 20 years shows that, excluding droughts, there were 661 major disasters, giving an average of 31.4 a year. The 209 floods represent the largest single cause. There were 148 typhoons, hurricanes and cyclones, 86 earthquakes, 66 tornadoes, 32 gales and thunderstorms, 27 snowstorms, 16 heat waves, 13 cold waves, 13 volcanic eruptions, 13 landslides, 10 rainstorms, nine avalanches and five tidal waves.

Committee to search for Immunology director

The Provost has approved the appointment of a Committee to search for a Director for the Institute of Immunology with the suggested membership shown below:

Acting Dean W. Douglas Baines (Chairman), School of Graduate Studies
Associate Dean L. Butler, School of Graduate Studies

Dean A. L. Chute or designate, Faculty of Medicine

Prof. J. H. Crookston, Institute of Medical Science

Prof. J. C. Laidlaw, Institute of Medical Science

Prof. E. A. McCulloch, Institute of Medical Science

Prof. L. Siminovich, Department of Medical Biophysics

Recommendations or suggestions may be forwarded to any member of the Committee.

STAFF NOTES

Arts and Science

PROF. J. K. CONWAY gave a lecture in the Liberal Arts Lecture Series at the University of Waterloo, Feb. 3 on "The Historian and the Study of Women".

PROF. IAN DRUMMOND delivered a seminar at the University of Sussex, Jan. 25, on "British Agricultural-Commercial Negotiations in the 1930's" and he also delivered a lecture, at Cambridge University, Feb. 16 on "Background to the Auto Agreement".

University College

PROF. S. P. ROSENBAUM visited McGill University from Feb. 15 to 19 as the Department of English's McGill exchange lecturer. He gave a lecture entitled "English Literature and British Philosophy" attended several undergraduate and graduate courses in modern literature, and conferred informally with staff and students during the week.

PROF. C. D. ROUILLARD, in France on leave, served as an invited member of the jury at a *soutenance de thèse de doctorat d'état* held on Feb. 13 at the Sorbonne. The title of the *thèse principale* was "L'Afrique barbaresque dans la littérature française aux XVI^e et XVII^e siècles". The other members of the jury were PROFS. ETIEMBLE, FRÉDÉRIC DELOFFRE, JEAN MESSARD and ANDRÉ ADAM of the University of Paris and PROF. FERNAND BRAUDEL of the Collège de France.

Erindale College

PROF. CÉCILE CLOUTIER-WOJCIECHOWSKA visited Montreal on Feb. 4 for the *lancement* of her new book "Paupières" at La Bibliothèque Nationale. On the same day she was also interviewed on the CBC French network program *Carnet Arts et Lettres*.

PROF. D. P. MORTON spoke on "Political Communication through the Print Media" to the Ontario NDP Organization School at Cedar Glen Camp, Bolton, on Feb. 27. On Sunday, Feb. 28 he spoke to the Hamilton Steelworkers' Area Council on "Labour and Today's Politics".

A. T. R. POWELL has given guest lectures on urban transportation during this past year. Some of these were at the S.A.C. Special Seminars on Urban Problems (Oct. 20, 1969); at a general meeting of Pollution Probe on Toronto's Transportation Problem (Jan. 22, 1970); he gave a Report on Transportation to a general meeting of the Confederation of Residents & Ratepayers Associations (Jan. 22, 1970). He has submitted transportation briefs to the Metro Executive Committee on The Spadina Expressway (Jan. 14, 1970); the Toronto Board of Education on Urban Immigrant Adjustment, Education, and Transportation (Feb. 19, 1970); the Metro Transportation Committee on The Inner-City Expressway System: Some Unanswered Social Questions (April 22, 1970); and to the Ontario Municipal Board on Planning Inadequacies of Georgetown's Transportation Plan (Nov. 11, 1970).

D. L. RABY has been awarded a Ph.D. degree from the University of Warwick and has been promoted to assistant professor at Erindale College. Prof. Raby's thesis title was "Rural Teachers and Social and Political Conflict in Mexico, 1921-1940".

PROF. R. RACINE attended the meeting of the American Astronomical Society in Tampa, Florida, Dec. 6-10, and discussed observations obtained with the Palomar 200-inch telescope in an address on "Photometry of M67 to $M_v = +12$ ".

PROF. F. B. TALL addressed a mathematics colloquium at McGill University on Feb. 19 on "An Assortment of Unanswerable Questions in Topology".

PRINCIPAL J. T. WILSON visited the Geology Department of Lakehead University on Jan. 8 and spoke on "Recent Developments in Continental Drift and Plate Tectonics". On a brief visit to the United Kingdom in February he spoke to earth scientists at the University of Cambridge, at the University of East Anglia on Feb. 1, recorded for the Open University on the BBC on Feb. 4, spoke at the Sedgewick Club of the University of Cambridge on Feb. 9 and at the University of Liverpool on Feb. 10.

Medicine

DR. J. E. MORCH attended the Symposium on Anaesthesia for Patients with Coronary Artery Disease for which he was a panel member, held on Nov. 2, at the Academy of Medicine, Department of Anaesthesia. Dr. Morch was also a guest speaker at Academy Day in Ottawa on Dec. 5. Titles of his talks were "Medical Treatment of Arteriosclerosis" and "Coronary Artery Disease: Medical Treatment".

DR. WALTER H. E. ROSCHLAU presented a paper entitled "The Use of Brinase (Fibrinolytic Enzyme from *Aspergillus Oryzae*) in the Management of Clotting Problems in Long-term Hemodialysis" at

the 19th Annual Symposium on Blood, held at Wayne State University, Detroit, on Jan. 22 and 23.

DR. G. STEINER presented two papers in Ottawa: "The Development of Chylomicron-like Particles Containing Endogenous Lipid in Pancreatectomized Dogs" to the Canadian Diabetic Association on Jan. 18; and "Brown Adipose Tissue, a Tool for the Study of Ganglion Active Drugs" to the Canadian Society for Clinical Investigation on Jan. 20.

DR. E. D. WIGLE attended meetings of the Royal Canadian Society for Clinical Investigation and Royal College of Physicians and Surgeons in Ottawa, Jan. 18-23. He also delivered a talk entitled "The Practical Assessment of Myocardial Contractility" at one of the Advances in Medicine sessions at the meetings of the Royal College of Physicians and Surgeons. Dr. Wigle chaired the Symposium on "The Failing Heart" that was jointly sponsored by the C.S.C.I. and the Royal College, and was also elected President of the C.S.C.I.

Ontario Institute for Studies in Education

DR. H. I. DAY was elected president of the Ontario Psychological Association for 1972 at its recent annual meeting in Toronto. Dr. Day who is presently on the Board of Directors of the OPA and is editor of *The Ontario Psychologist* was on the annual meeting committee and also chaired a session entitled "Uses of Videotapes and Visual Aids in Rehabilitation and Counseling".

DR. JAN J. LOUBSER attended an international seminar on the Design of Case Studies of Innovative Educational Organizations in Six Countries, organized by the Centre for Educational Research and Innovation, O.E.C.D., Paris in Spatind, Norway, Jan. 17-22.

PROF. WILLIAM G. SPADY presented a paper entitled "The Authority System and Reward Structure of the School: Dilemmas in Defining the Teacher's Role" at the Ontario Educational Research Conference in December. Prof. Spady also lectured on this topic at the University of Southern California and at Toronto area secondary schools in January. He delivered a paper entitled "The Influence of Major Ambition Resources on College Aspirations and Attainments: Toward a Comprehensive Model" at the American Educational Research Association annual meetings in New York, Feb. 4-7.

PROF. J. W. MACDONALD attended, in December, an organizational meeting for the Ontario Region of the Survey of Canadian English at the University of Toronto Linguistics Department. The purpose of this survey is to prepare a dialect atlas of Canada and to prepare instructional materials for high school students and teachers in the area of language and linguistics.

PROF. FRANK EBOS was recently informed that one of the Educational Television programs for which he was responsible while at the Ontario Department of Education was named the winner of the 1970 IERT category, "Natural and Physical Sciences . . . for Children and Youth" (Network, Formal Instruction).

PROF. J. W. GREIG gave a talk to Directors of Education Superintendents, and Coordinators of English on the topic "The Radicalization of Language: Some Implications for Teachers of English" on Jan. 14.

On Dec. 28 PROF. MACDONALD appeared on a panel show for Educational TV to discuss the educational implications of a talk given by IVAN ILICH, whose recent appearance at a public lecture at O.I.S.E. has caused a small storm of excitement in educational circles.

PROFS. D. L. MUMFORD and H. L. RIDGE announce the publication of *An Introduction to Probability* accompanied by teaching notes and solutions (Copp Clark).

DR. GEORGE S. TRACZ chaired a symposium on Operations Research — Systems Analysis in School District Management at the American Educational Research Association 1971 Annual Meeting, Feb. 4-7, held in New York City. Dr. Tracz also served as co-director of the American Educational Research Association 1971 Research Training Session in Operations Analysis Techniques in Educational Planning and Administration, also held in New York City, Jan. 30-Feb. 3.

The Department of Computer Studies hosted 80 secondary school students and their data processing teachers on a one-day workshop in the College computer centre. The workshop was extended over a period of 4 days so that every student had a full opportunity to use all the facilities available. Participating schools were: Downsview Secondary and Georgetown Secondary Schools.

Social Work

DR. DONALD BELLAMY attended a conference of teachers in social policy in Canadian and American schools of social work at the University of Chicago, Center for Continuing Education, Nov. 29 and 30.

DR. FRANCIS BREGHA gave three community development workshops for the staff of Family Service Association, Toronto, on Dec. 3, 10, and 17.

PROF. DAVID COWLEY delivered a speech before the Metro Toronto Ontario Association of Professional Social Workers on Jan. 21, on the topic, "Community Outreach — From Hypocrisy to Advocacy".

DR. CAMILLE LAMBERT is serving as *ad hoc* consultant to the Research Advisory Committee, Research Branch, Department of National Health and Welfare, Ottawa.

DR. ALBERT ROSE attended the Annual Program Meeting of the Council on Social Work Education, held in Seattle, Wash., Jan. 25 to 29. He also attended the meeting of the House of Delegates, Jan. 30.

MRS. JEAN SHEK in December was appointed to the Board of Directors of the University Settlement for the balance of the term, and to the Italian Community Development Council of Metropolitan Toronto.

DR. BENJAMIN SCHLESINGER was the recipient of a Canada Council Leave Fellowship and will be spending the next academic year at the University of Western Australia in Perth.

School of Business

PROF. J. H. G. CRISPO on Dec. 28-30 attended the Annual Board and General Meetings of the Industrial Relations Research Association in Detroit, Mich. On Jan. 14, he addressed the Montreal Personnel Association on "The Public Interests in Collective Bargaining". On Jan. 15-16, he delivered the keynote and closing addresses of the Ontario School Trustees' Council Conference on Salary Negotiations.

PROF. M. J. GORDON presented a paper at the annual meetings of the American Finance Association in Detroit, Mich., Dec. 28-30. The title of the paper was "Towards a Theory of Financial Distress".

PROF. J. V. POAPST, while on leave of absence for the Fall term, addressed three successive conferences with representatives of the Chartered Banks, Trust and Loan Companies, and Life Insurance Companies on Sept. 25, 28, and 29, convened in Ottawa by the Honorable Robert Andras, Minister responsible for Urban Affairs and Housing. The subject of his address was "Some Possible Changes in the Residential Mortgage Market". On Dec. 8, Prof. Poapst presented a paper on "R and D in the Mortgage Market", at the Second Conference on Mortgage Investment for Trusted Pension Plans, Government Conference Centre, Ottawa.

PROF. J. A. SAWYER presented a paper

Staff members are invited to help Varsity Fund March Telethon

Members of the staff who would like to volunteer their services as telephone canvassers during this month's Varsity Fund Telethon are invited to call 928-2171, the Department of Development.

The Telethon began on March 1 and continues until April 1, every Monday to Thursday evening. Canvassers make their calls from East Hall, University College, from 7 until 9 p.m. Dinner is provided before work begins.

Between 90 and 100 volunteers are on duty each evening, telephoning alumni in half of Ontario, asking them to contribute to the Varsity Fund, which supports so many activities at the University — scholarships, research, concerts, art, books, etc. — which cannot be financed from the normal operating budget.

Until 1970, the Telethon in Ontario was decentralized, with telephone solicitations being made from other cities as

Moore Park house to let

Furnished house for rent from June 1, 1971, to Aug. 30, 1972 (dates slightly flexible). Large living room, dining room, kitchen, sun porch; 3 bedrooms, nursery or den, bathroom; tiled and panelled basement with large playroom, small study, half-bath and laundry room. All appliances. Shady, fenced garden; garage. Excellent schools, shopping, public transport at corner. House adjoins a park with tennis courts and playgrounds, skating pond in winter. Monthly rent: \$370. Telephone Prof. J. Carroll, Department of English 928-3183 daytime, or 489-8265 evening.

"Import Forecasts for Input-Output Models" at the Fifth International Conference on Input-Output Techniques in Geneva, Switzerland, Jan. 11-15. He addressed the Business Outlook Forum sponsored by the School of Business on the "Economic Outlook for 1971" on Dec. 9.

PROF. M. S. SOMMERS attended the University of Illinois Invitational Workshop, "Attitude Research and Consumer Behaviour", on Dec. 3-5, and contributed a chapter entitled "Problem and Opportunities in the Development of Consumer Behavior Theory" in Holloway, Mittelstaedt & Vambatesan (eds.) *Consumer Behavior* (Boston: Houghton-Mifflin Co., 1971) pages 14-23.

PROF. D. A. ONDRACK gave a lecture on "Planned Change in Micro-Systems" to the Canadian Forces Senior Staff College in Willowdale, Ontario on Feb. 9.

PROF. D. J. TIGERT gave a workshop on Psychographics to American Marketing Association workshop at the Park Plaza Hotel, Toronto, Feb. 16, and gave a speech to Professional Marketing Research Society (PMRS) in Toronto, Nov. 18; the topic was "Television Audience Profile".

PROF. E. L. VITALIS spoke on "Individual Differences in Motivation" at the American Institute of Industrial Engineers Region V Conference, in Niagara Falls, on Oct. 1.

Hygiene

DR. B. BUCOVE and DR. C. W. SCHWENGER attended the annual meeting of the Association of Schools of Public Health, at the University of Hawaii, Feb. 28 to March 4.

DR. L. W. MACPHERSON served as a consultant to the Canadian Department of Agriculture and the Canadian Embassy in Rome, Feb. 12 to 20, in support of the export program of Canadian meat to Italy.

DR. R. J. SHEPARD attended the 1971 Continuing Education Course in Public Health organized by the University of Saskatchewan, Feb. 22-24, speaking on the topic "Obesity and Health".

Computer Centre offers a free six lecture course in Fortran programming

The University of Toronto Computer Centre announces a free computer programming course which will be held in Room 135, Sandford Fleming Building, King's College Road.

Dates for the course are March 16, 17, 18, 23, 24 and 25. All the sessions begin at 5 p.m. and conclude at six.

The course offers instruction in the use of the FORTRAN language. There are no pre-requisites and no text books are required. Registration will take place at the beginning of the first class on Tuesday, March 16.

well as Toronto. A year ago a province-wide telephone campaign was carried on from East Hall to every part of Ontario. It was in two parts, spring and fall. Next fall canvassers will call alumni in the half of the province not covered this month.

The blue flag atop Simcoe Hall is the Varsity Fund symbol which proclaims the fact that the 1971 Telethon, spring phase, is underway.

Prof LePan is UN adviser on arms race consequences

University Prof. Douglas V. LePan has been appointed by the Secretary General of the United Nations as one of the 14 members of an international group of experts to advise him on the preparation of a report on "The Economic and Social Consequences of the Arms Race and Military Expenditures." Such a report was requested by a resolution of the General Assembly on Dec. 7, 1970. It is to be ready for the next meeting of the General Assembly next fall.

Furnished house wanted

Prof. Robert Cox, who will be Visiting Professor of International Security at U of T, is looking for a furnished house for the academic year 1971-72 which provides at least three bedrooms and a study. He would prefer to be in easy reach of the University. Any enquiries should be directed in the first place to Prof. R. C. Pratt, chairman, International Studies Program (928-3350).

COMING EVENTS

MARCH (Continued from page 1)

12 FRIDAY

- Meeting U of T Senate meeting, Senate Chamber, Simcoe Hall. 8.15 p.m. Tickets at enquiry desk, Simcoe Hall lobby.
- Symposium
Psychology "Communication and Affect", to celebrate opening of new psychology laboratories. Erindale College 9 a.m. and 2 p.m., luncheon, 12 noon; tour of laboratories, 1 p.m. Information from Mrs. Doris Heckman, 828-5370. (Erindale College)

13 SATURDAY

- Symposium
Psychology "Communication and Affect", celebrating opening of new psychology laboratories. Erindale College, 9 a.m. Luncheon 12 noon. See March 12 listing. (Erindale College)
- Lecture
Photography "Images and Photographic Processes". Raife Tarkington, Division Head, Photographic Research Division, Kodak Research Laboratories, Rochester. Convocation Hall. 8.15 p.m. Free (Royal Canadian Institute)

14 SUNDAY

- Service Choral Vespers Service. Music by Tomkins and Croft. Massey College. 5 p.m.
- Music Concordia Singers. Directed by Peter McCoppin. Works by Vaughan-Williams and Britten. Scarborough College. 3.30 p.m.
- Faculty of Music Performers in Ensembles. Concert Hall, Edward Johnson Building. 8.30 p.m. Single ticket \$2, students \$1.25.

15 MONDAY

- Lectures
Biology "The Importance of Unimportant Animals in Shaping Biological Thought". Prof. Mary P. Windsor. Room 203 McLennan Physical Laboratories. 1.10 p.m. (IHPST)
- Theology First of two Knox College Special Lectures. "Understanding Jesus Christ". Prof. Thomas Torrance, Prof. of Christian Dogmatics, New College, and University of Edinburgh. Knox College Chapel. 2 p.m.
- Chemistry "Organometallic Intermediates in the Cyclic Trimerization of Acetylenes". Prof. R. S. Dickson, La Trobe University, Victoria, Australia. Room 158 Lash Miller Chemical Laboratories. 4 p.m. (SGS and Chemistry)
- Music "A Concert of Early Music". Ars Antiqua de Paris. Room 116 Edward Johnson Building. 4.10 p.m. (SGS and Music)
- "Performance Practices in Early Music". Ars Antiqua de Paris. Room 310 Edward Johnson Building. 11 a.m. (SGS and Music)
- Seminar
Geology "Regional Fault Patterns of the Western Cordilleras". C. R. Allen, California Institute of Technology. Room 128 Mining Building. 4 p.m. (Geology)
- "Lasers in Theory and Practice". B. P. Stoicheff. H215 Scarborough College. 4 p.m. Refreshments. (Physical Sciences Group)
- Music Organ recital by Frank Iacino. Convocation Hall. 5.05 p.m.

16 TUESDAY

- Lectures
Engineering "Creativity in Teaching & Learning". Prof. J. Kestin, Brown University, Providence. Room 220 Galbraith Building. 1 p.m. (SGS and Civil Engineering)
- Theology "Newton, Einstein and Scientific Theology". Prof. Thomas Torrance. Knox College Chapel. 2 p.m.
- "Inside Japan: The Harmony and Discord of Oriental Life". Prof. D. Dunlop. Room 294 Preliminary Building, Erindale College. 3 p.m.
- Medieval "Chaucer and the Elusion of Clarity". Prof. E. Talbot Donaldson, Department of English, Yale University. Room 106 University College. 4.30 p.m. (SGS and Centre for Medieval Studies)
- Evolution *The Descent of Man* series by Dr. W. E. Swinton. "The evidence; then and now". Medical Sciences Building main auditorium. 5 p.m.
- History "The Historical Background of the Present Situation of the Jews in Soviet Russia". Prof. Haim H. Ben-Sasson, Hebrew University, Jerusalem. Auditorium, Medical Sciences Building. 8 p.m. (History)
- Seminar "Regional Fault Patterns of the Western Cordilleras". Prof. C. R. Allen. Room 302 Mining Building. 2 p.m.-4 p.m. (Geology)

17 WEDNESDAY

- Lectures
Engineering "Markov Renewal Programming". Prof. E. V. Denardo, Yale University. Room 211 Old Electrical Building. 2.10 p.m. (SGS and Industrial Engineering)
- History "The Significance of the City for Latin American History". Prof. Rolando Mellafe, Chilean historian and Latin American in Residence, 1970-71. Room 2117 Sidney Smith Hall. 4.10 p.m. (History and Latin American Studies Program)
- Seminars
Medieval "The Editing of the B-Text of Piers Plowman". Prof. E. Talbot Donaldson, Upper Library, Massey College. 4 p.m. (SGS and Centre for Medieval Studies)
- Medicine "Mechanisms of Mental Retardation in Phenylketonuria". Dr. J. A. Lowden. "Hypothalamic Mediation of Growth Hormone and Adrenal Stress Syndrome". Dr. G. Brown. Room 2172 Medical Sciences Building. 4 p.m. (Physiology)
- Meeting
Retirement General considerations important to those considering or preparing for retirement. Sister St. Michael Guinan, Ph.D., Ontario Department of Social and Family Services, consultant on retirement planning. 202A Galbraith Building. 2 p.m. (Personnel Office)

18 THURSDAY

- Lectures
Music "The Musical Analysis of Heinrich Schenker". Dr. Felix Salzer, Head, Theory Department, Mannes College, New York. Concert Hall, Edward Johnson Building. 2 p.m. Free.
- French "Le Genre Féminin en Synchronie et en Diachronie". Prof. André Martinet, Sorbonne. Room 118 U.C. 4.10 p.m. (SGS and Graduate French)
- Near Eastern "The Temple City and the Royal City in Ancient Mesopotamia and Israel". Hayim Tadmor, Professor of Assyriology, Hebrew University of Jerusalem. Room 104/105 U.C. 4.10 p.m. (SGS and Near Eastern Studies)
- Philosophy "Methodological Conservatism". D. Goldstick. West Hall, U.C. 4.10 p.m. (University College)
- Comp. Lit "Hegel and Hölderlin". Prof. Dieter Henrich, University of Heidelberg. Room 122 University College. 4.30 p.m. (Philosophy and Graduate Program in Comparative Literature)
- Classical "Introducing the Play: A Study of Dramatic Exposition in Aristophanes". Prof. E. W. Handley, University of London. Room 24 Trinity College. 4.30 p.m. (SGS and Classical Studies)
- Archaeology Miriam Tadmor, Curator of Chalcolithic and Bronze Age Collections, Israel Museum, Jerusalem, describes recent work in Israel. Room 4 ROM. 8.30 p.m. Admission \$1.50, ROM members free.

(See page 4, col. 1)

Course in 'The city as a system' to be offered by Graduate School

Summary of the Minutes, Council of the School of Graduate Studies, February 23, 1971:

Dean's Report

Dean Baines advised Council of the latest developments in the negotiations between the Committee on University Affairs and the Presidents of the Provincial Universities, concerning regulations aimed at controlling graduate enrolment in the province. Dean Baines reported that to date 5641 applications had been received for admission in 1971-72. This appeared to indicate a graduate enrolment for next year of a similar size to that in 1970-71. The Association of Universities and Colleges in Canada had expressed the wish to have information about employment opportunities distributed widely to graduate students, and this University is proposing to offer to supply addressed labels for its graduate students to the Association, so that the distribution can be effected as directly as possible.

Dean Baines agreed to Prof. Zimmerman's request that a memo be sent to the various departments confirming that all holders of Ontario Graduate Fellowships, who have maintained a satisfactory scholarship, would be given priority for the coming year.

Reports of the Associate Deans

Division II. Council agreed to the request of Division II for the addition of a course No. 1047X "The City as a System".

Division III. Council agreed to a proposed change in the residence requirements for the M.Eng. degree which

would allow completion of a degree on a part-time basis in some cases.

Division IV. The Executive Committee of Division IV recommended that the dual registration provision be ended if registration can be permitted in January. A proposal to establish a Master of Resource Management degree was also introduced. Council agreed to place both items on the agenda for the March meeting.

Resolutions re G.S.U. Recommendations

Council had before it a paper prepared by Dean Baines in the light of discussion at the December Council meeting about recommendations presented by the Graduate Students' Union. It was proposed by Dean Baines, and seconded by Associate Dean Parker, that the resolutions contained in the paper be adopted by Council. Miss Endres proposed an amendment which would incorporate in the Dean's paper sections 3a and 3b of the recommendations to the University of Toronto in the GSU paper. This proposal was seconded by Mr. Dinan. After a lengthy discussion, during which several Council members reiterated expressions of dissent at the December Council meeting from the principles underlying recommendations 3a and 3b, the matter was put to a vote and the motion defeated. Prof. Rooney proposed and Prof. Zimmerman seconded an amendment to the wording of item (i) of the Dean's paper, and on being put to a vote the Dean's paper, with the proposed amendment, was approved — one member of Council dissenting.

Program on retirement planning begins at open meeting March 17

E. C. Shiers of the Personnel Office is arranging a program to help those planning for eventual retirement for themselves, or who wish to learn about such plans for others. The first open meeting in the program will be at 2 p.m., March 17, in Room 202A, Council Chamber of the Galbraith Building, 35 St. George St.

The program will consist of a series of open meetings at which experts in the retirement field, from the University and from federal and provincial agencies, will discuss many of the aspects of retirement planning.

The first session, on the general considerations important to anyone even remotely considering plans for retirement or the preparations for it, will be led by Sister St. Michael Guinan, Ph.D., special consultant on preparation for retirement in the Ontario Department of Social and Family Services. Sister St. Michael, who has been working in this field for a long time, has a reputation for the soundness of the assistance she can give to organizations and her advice to individuals and groups.

Other open meetings will cover such subjects as physical problems in retirement, legal problems, rearrangement of financial plans, and the best use of leisure time.

In addition to the formal program, Mr. Shiers is available for individual

consultation and assistance on preparations for retirement, including long-range advance plans, proper arrangements for benefits, insurance, and so forth, at the time of retirement. For further information, call Mr. Shiers at 928-2115.

Urges University to hire own students for summer work

The U of T Career Counselling and Placement Centre has on file over 3,000 names of students looking for summer employment, and expects they will soon have 7,000 names.

The Centre's director, David Currey, urges that all University divisions make every effort to fill vacancies by hiring our own students.

He says "In the light of the difficult economic conditions prevailing, it is going to be difficult to successfully find employment for many ... University of Toronto students possess an extremely wide variety of talents, skills and experience.

"We would be happy to offer all possible assistance in finding students to fill your needs. Please call us at 928-2537, 2538 or 2539."

Problèmes du Roman colloquium March 27

This year's colloquium "Problèmes du Roman" sponsored by the Graduate Department of French will be held in the Upper Library, Massey College, on Saturday, March 27 (9.30 a.m.-5.30 p.m.).

The tentative program includes the following speakers:

J. L. Bourget — La catégorie du "pictural" et sa fonction dans quelques romans de Balzac

A. Dainard — Structure d'un monde fictif: *Le Roman Comique*

J. Fleming — Setting in the novels of Balzac and Robbe-Grillet

R. Le Huenen — Les modalités du regard dans le *Planétarium*

P. Perron — Temporalité et narration dans *La Nausée*

Y. Resch — Essai d'approche du sys-

tème romanesque dans l'œuvre de Collette: la notion de "personnage"

W. Skakoon — Modern Autobiography: the French example, Michel Leiris, André Gorz, J.-P. Sartre

H. Weinberg — Discourse and narrative: *Madame Bovary* revisited

The registration fee is \$3 for staff, \$2 for students. This includes lunch and two coffee breaks. Because of limited space at Massey College, enrolment must be restricted to sixty persons. In view of the response to the first announcement of this year's colloquium we expect that the above number of registrations will be reached by the first week in March.

Cheques should be made payable to "Colloquium on the Novel" and sent to P. Fitting and P. Perron, Department of French, Victoria College.

COMING EVENTS

MARCH (Continued from page 3)

18 THURSDAY

- Seminar
Russia
"Trotsky and Soviet Economic Isolationism". Prof. Richard Day. Room 3050 Sidney Smith Hall. 2 p.m. (Russian and East European Studies)
- Music
"The Magic of the Opera". Complete acts from *Der Freischütz*, *Les Contes d'Hoffmann*, and *Falstaff*, assisted by University of Toronto Symphony Orchestra. MacMillan Theatre, Edward Johnson Building. 8 p.m. March 18-21 incl. Tickets \$2, students \$1. (Faculty of Music)

19 FRIDAY

- Lectures
18th century
"Les Liaisons dangereuses: the Last Phase". Prof. Anthony R. Pugh, University of New Brunswick. 10 a.m. "La Théorie du roman en France à la fin du XVIIIe siècle". Prof. Real Ouellet, Université Laval. 11 a.m. "Anglo-Dutch Scientific Relations". Prof. T. H. Levere, IHPST. 2 p.m. Music Room, Wymilwood, Victoria College. "Rousseau and the Genesis of *Le Neveu de Rameau*". Prof. Donal O'Gorman. Room 21 Victoria College. "Aspects du XVIIIe siècle hispano-américain". Prof. Luis Bocaz, University of Concepcion, Visiting Professor, Brock University. 3 p.m. Music Room, Wymilwood, Victoria College. "La France et la province de Québec dans la deuxième moitié du XVIIIe siècle". Prof. Claude Galarneau, Institut d'Histoire, Université Laval. 3 p.m. Room 119 Academic Building, Victoria College. (Scarborough College and Canadian Society for Eighteenth-Century Studies)
- Seminars
Archaeology
"On Re-editing the Inscriptions of Tiglath-pileser III". Prof. Hayim Tadmor. Senior Common Room, Sir Daniel Wilson Residence, U.C. 3.10 p.m. (SCS and Near Eastern Studies)
- Classical
"Some New Fragments of Greek Comedy". Prof. E. W. Handley, University of London. Room 241 Trinity College. 4.30 p.m. (SCS and Classical Studies)
- Symposium
Psychiatry
"Research Strategies in Schizophrenia". Speakers: Drs. Charles Shagass, L. Heston, L. Stein, H. Himwich, R. Gottlieb. Auditorium, Clarke Institute of Psychiatry; 9 a.m. Mar. 19 and 20. (Research Committee, Department of Psychiatry)

20 SATURDAY

- Lecture
Metrication
"The Progress of Metrication in Britain". Gordon Bowen, Director, Metrication Board, British Government. Convocation Hall. 8.15 p.m. Free (Royal Canadian Institute)

21 SUNDAY

- Lectures
18th century
"The American Colonial Crisis of 1762-1770". Prof. J. A. Ernst, York University. 10 a.m. "The French Crisis of 1770". Prof. John Bosher, York University. 11 a.m. "The Burney Novels". Prof. Joyce Hemlow, McGill University. 2 p.m. "Lovelace as Tragic Hero". Prof. J. J. Carroll. 3 p.m. Scarborough Faculty Lounge. (Scarborough College and Canadian Society for Eighteenth-Century Studies)

22 MONDAY

- Lectures
Geography
"National Goals and the Pioneer Fringe of Canada and Alaska". Prof. E. C. Mather, University of Minnesota. 10 a.m. (SCS and Geography)
- Architecture
"The Three Human Establishment; Aspects of le Corbusier's Planning Theory". Prof. Kenneth Frampton, Princeton University, School of Architecture and Institute for Architecture and Urban Studies, New York. Room 103 Faculty Building. 8 p.m. (Architecture)
- Music
Organ recital by Catherine Palmer, F.R.C.O. Convocation Hall. 5.05 p.m.

23 TUESDAY

- Lectures
History
"Canada's First War: the North-West Campaign of 1885". Prof. D. P. Morton. Room 294 Preliminary Building, Erindale College. 3 p.m.
- Medieval
"A Renaissance View of Gothic Art". T. S. R. Boase, General Editor, *The Oxford History of English Art*. Room 2118 Sidney Smith Hall. 4.15 p.m. (Varsity Fund and Centre for Medieval Studies)
- Seminar
Geography
"Regionalism and Indian Arts and Crafts of New Mexico". Prof. E. C. Mather, University of Minnesota. 4 p.m. (SCS and Geography)

24 WEDNESDAY

- Lectures
Geography
Engineering
"The Plural Culture of Canada and the American Melting Pot". Prof. E. C. Mather. 10 a.m. (SCS and Geography)
- "Creative Design". Dr. D. Henry Edel, Beaverton, Oregon. Room 120 Galbraith Building. 2 p.m. (SCS and Civil Engineering)
- "Recent Results on Linear Control Theory". Prof. J. B. Pearson, Rice University, Houston. Room 248 Galbraith Building. 3 p.m. (SCS and Electrical Engineering)
- Meeting
Interdisciplinary Studies Forum: an open meeting for students and teaching staff in all faculties interested in interdisciplinary and experimental programs at U of T. 102 Innis College. 8 p.m. (Interdisciplinary Studies, Arts and Science)

25 THURSDAY

- Lectures
Engineering
German
Archaeology
Lecture-recital
Music
Music
"Black Power and Red Power in the U.S.". Prof. W. B. White. Room 294 Preliminary Building, Erindale College. 3 p.m.
- "Characteristics of the Planetary Boundary Layer". Dr. A. D. McEwan, Commonwealth Scientific and Industrial Research Organization, Australia. Room 254 Mechanical Building. 4 p.m. (SCS and Mechanical Engineering)
- "Progression or Stasis? On the Narrative in Thomas Mann's *The Magic Mountain*". Martin Swales. West Hall, U.C. 4.10 p.m. (University College Public Lectures 70-71)
- "Knossos and Thera". Sinclair Hood, former Director, British School of Archaeology, Athens. Room 4 ROM. 8.30 p.m. Admission \$1.50. ROM members free.
- Thursday Afternoon Series. Malcolm Bilson, fortepiano, Cornell University. Concert Hall, Edward Johnson Building. 2 p.m. Free.
- Special Events Series. Robert Aiken, Flute. Lorand Fenyes, violin. Greta Kraus, harpsichord. Anton Kuerti, piano. Chamber ensemble from Faculty of Music. Concert Hall, Edward Johnson Building. 8.30 p.m.

26 FRIDAY

- Lecture
Engineering
"Studies in Electric Vehicles". Dr. R. L. Thornton, Department of Electrical Engineering, M.I.T., Cambridge, Mass. Room 220 Galbraith Building. 2 p.m. (SCS and Electrical Engineering)

29 MONDAY

- Lecture
Women
"Women's Studies". Prof. Annette Baxter, Barnard College, New York. Cody Hall, School of Nursing. 4 p.m. (Interdisciplinary Studies, Arts and Science)

College of Education takes over some of Child Study's work

Summary of the Senate Minutes, February 12, 1971:

A resolution was read in memory of the late Rev. Francis Herbert Cosgrave, a former Provost of Trinity College and a member of the Senate, who died in January.

The Senate received the annual report of the Director of the Office of Student Awards, 1969-70.

The Senate approved a recommendation from the Faculty of Medicine for the conferring of the Bachelor of Science (Medicine) degree on one student in the Faculty.

The Senate approved a report from the School of Graduate Studies concerning the recommendations for conferring of degrees for 146 students in the School of Graduate Studies. (Ph.D. 32; Phil.M. 2; M.A. 30; M.Sc. 38; M.A.Sc. 27; M.Eng. 2; M.B.A. 1; M.Ed. 4; M.L.S. 4; M.S.W. 2; M.Sc.F. 2; M.Sc.Ph.m. 1; M.Sc.(Pl) 1).

The Senate approved a request from the School of Business that four part-time lecturers be examiners in the diploma course in Business Administration.

The Senate approved recommendations from the Executive Committee in favour of amendments to the courses of study and calendar for the 1971-72 session in the following divisions of the University:

Faculty of Architecture, Urban and Regional Planning and Landscape Architecture; Institute of Child Study; School of Graduate Studies; Faculty of Music; School of Nursing; Faculty of Pharmacy.

In addition, the Executive Committee approved three recommendations:

(1) that a pass/fail honours system of grading be established in the Faculty of Architecture, Urban and Regional Plan-

ning and Landscape Architecture for the 1971-72 session, (2) that the diploma course program and the laboratory school in the Institute of Child Study be transferred to the jurisdiction of the College of Education beginning in the 1971-72 session, and (3) that a statement be included in the calendar of the Faculty of Pharmacy concerning admissions policy for the Faculty.

The Senate approved a report from the School of Business concerning amendments to the calendar and courses of study for 1971-72.

The Senate approved a report from the Committee on University Extension recommending in favour of two short courses, one in sports medicine, one on metrication, and a one-day seminar for bank managers.

The Senate approved the report of the Committee on Scholarships and Other Awards, recommending one new award, amendments to three existing awards, and the termination of three awards.

The Senate approved the report of the Committee on Ceremonials outlining the Spring Convocation schedule for 1971.

Briefs invited on ISC future

The Commission on the future role of the International Student Centre invites written briefs and personal representations from individuals and groups. This commission is to make recommendations to the Vice-President and Registrar on the future structure and programming of the Centre. For further information call the chairman, Kelvin Andrews, 928-5079, or the secretary, Richard Smith, 928-7010, or write c/o Office of the Vice-President and Registrar.

Open meetings are held at 3:30 p.m., alternately on Mondays and Wednesdays each week, in the Sitting Room, University College Women's Union, 79 St. George St.

Greer Award of OEA goes to Pollution Probe

Pollution Probe has won the annual Greer Award of the Ontario Educational Association for "the most outstanding contribution to education during the past year". The \$420 award will be presented at the opening of the Association's 111th annual convention on March 21 at 8 p.m. in the auditorium of the Ontario Institute for Studies in Education.

W. E. Bayes, executive secretary of the OEA, in advising Prof. D. A. Chant, chairman of Pollution Probe's Board of Advisers, of the award, said that the Association "through its contacts with thousands of teachers is fully aware of the excellent work that Pollution Probe is doing in the Province and we hope that this award will lend support and encouragement not only to teachers but to the general public in what you are attempting to accomplish".

'Higher Education in U.K.' handbook is now available

A handbook for students from overseas and their supervisors, *Higher Education in the United Kingdom 1970-72*, is now available from the Association of Commonwealth Universities, which compiled the book jointly with the British Council.

The handbook lists subjects and facilities for study, courses available in post-secondary educational institutions, admission requirements, and other matters of interest to those planning to study in Britain.

Orders for the book should be sent to The Association of Commonwealth Universities, 36 Gordon Square, London WC1H, OPF, England. The price is 12 shillings, plus postage (airmail to Canada 16s. 6d), or U.S. \$2.50, which includes surface postage.

Ph.D. Orals

All members of the Graduate Faculty have the right to attend Ph.D. Oral Examinations.

Monday, March 15

Miss Grace M. Anderson, Department of Sociology. "The Channel Facilitators Model of Migration: A Model Tested Using Portuguese Blue-Collar Immigrants in Metropolitan Toronto". Thesis supervisor: Prof. R. Breton. Room 108, 16 Hart House Circle. 2 p.m.

Friday, March 25

Mrs. Rivanne Melnik, Department of Islamic Studies. "Religion and Politics Under the First Two Tughlugs, as viewed in Contemporary Traditional Sources, with Special Reference to Barani". Thesis supervisor: Prof. Aziz Ahmad. Room 107, 16 Hart House Circle. 10 a.m.

Thursday, April 1

Mr. Rangaswamy Ravindran, Department of Aerospace Studies. "Optimal Aerodynamic Attitude Stabilization of Near Earth Satellites". Thesis supervisor: Prof. P. C. Hughes. Room 108, 16 Hart House Circle. 10 a.m.

EXHIBITIONS

"Giant Planets". Theatre of the Stars, McLaughlin Planetarium. Tuesday through Friday: 3.30, 8 p.m. Saturdays: 11 a.m., 2, 3.30, 7.30, and 9 p.m. Sundays: 2, 3.30, 5, 7.30 p.m. To Apr. 18.

Drawings and paintings by Richard Nevitt. Exhibition Gallery, Faculty of Architecture, Urban and Regional Planning and Landscape Architecture, 230 College Street. 9 a.m. to 6 p.m. weekdays and 2 p.m. to 5 p.m. Saturdays and Sundays. To March 15.

"Focal Forum". Photographs by members of the Toronto Focal Forum featured at the Museum. Lower Rotunda, ROM. To April 12, with the exception of a 10-day period from March 19 to 29 when it will not be on view.

"Durer Prints". 50 prints illustrating Albrecht Durer's life and works are on display. Exhibition Hall, Lower Floor, ROM. March 24-May 2.

"Flowers in Textiles", a selection of blooming fabrics in honour of the Spring Flower and Garden Show. 2nd Floor, Textiles Gallery, ROM. To April 30.

"Primitive Art - 19th Century". Amateur artists and artisans in 19th century Canada recorded their surroundings in landscapes, portraits. Sigmund Samuel Canadiana Building. To May 2. Special tour, March 17, 12.15 p.m.